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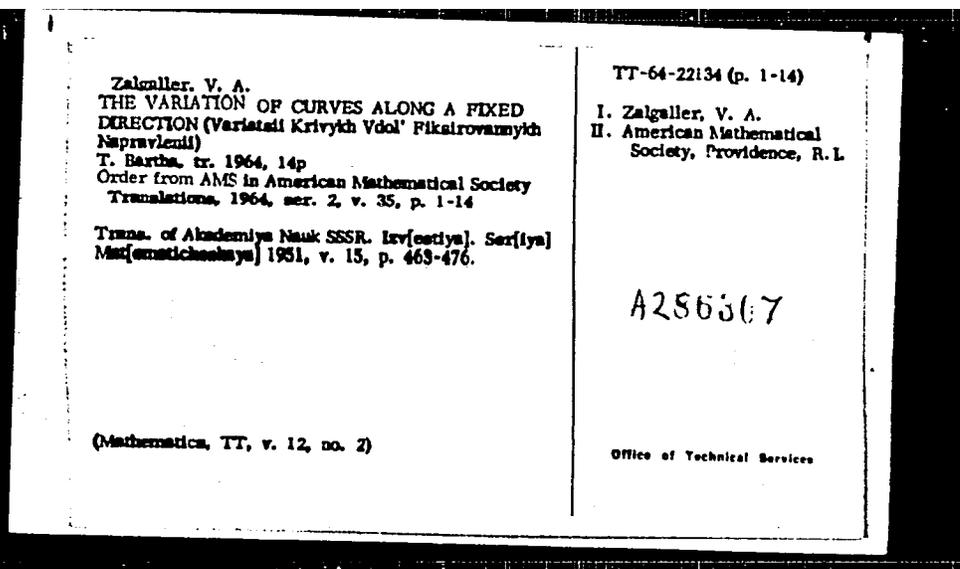
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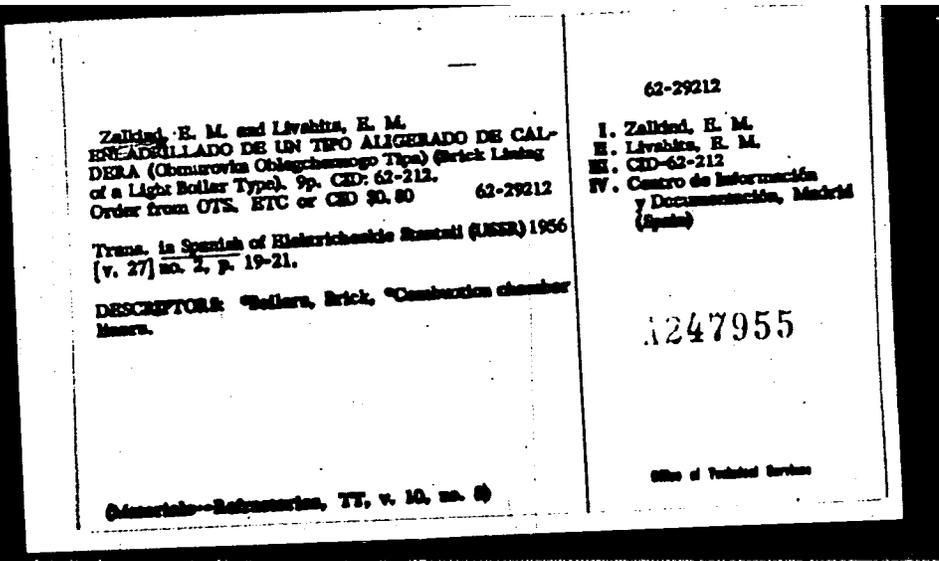
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DESCRIPTORS: Cells (Biology), *Adaptation (Physiology),
*Tissue culture, Transplantation, *Culture media.

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DESCRIPTORS: *Kerosene, Oxidation, *Dibasic acids,
Synthesis, Adipic acid.

Experiments of oxidation of kerosene fractions with ni-
tric acid of specific gravity 1.4 are reported. The best
yield (12.2%) of dibasic acids was obtained from an oil
fraction boiling at 210-215°; of these, 6.12% consisted
of adipic acid. The yield of the latter increases in the
presence of vanadium pentoxide. Oxidation of decalin
with nitric acid gives glutaric and oxalic acids; when
other petroleum hydrocarbons are added, adipic acid
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